Thunderbolt OS Ceres User Manual

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Introduction

Thunderbolt OS Ceres is a lightweight, HTML5-based operating system that runs on Google Chrome. It can be run anywhere, anytime, so long as you are running Chrome on a desktop computer. The user interface is simple and organized, everything is easy to use, and you'll know your way around everything in no time. Supported by JavaScript and CSS, Thunderbolt OS Ceres is surely the best operating system ever.

System requirements

To run Thunderbolt OS Ceres, you must have the following:

-A computer running Mac OS X 10.3 (Panther) or above, or a computer running Windows Vista or above

-The latest version of Google Chrome installed, with support for HTML5, CSS3, and JavaScript.

-A working Internet connection at all times. (Wi-Fi or Ethernet)

First Time

To run the OS, go to http://thunderboltstudios.github.io/download.html. Click on "Run Thunderbolt OS Ceres", and you will be sent to the boot page. This means that the system is booting up.

On your first time, after booting, you will be redirected to the Setup page. You will create your first user, which means that you will assign it a username, password, and e-mail address. You will also install a required Chrome extension.

After this is completed, select "Finish". Congratulations! You have set up Thunderbolt OS Ceres, and it is now ready for use!

Authentication

After your first time, something different will happen when you open Thunderbolt OS Ceres. You will be sent to the authentication page, where you must sign in with one of your users. After you have signed in, you will be sent to the Desktop.

Locked out of system

Too many incorrect pattern attempts will result in you being locked out of the system. This will prevent you from accessing the Desktop or any applications, and will instead only let you see the "Locked" screen. In order to unlock your system (with all of your data intact), you must type in one of the e-mail addresses that you registered with your users. A code will be sent to that e-mail address, if it is the right code. Retrieve the code, and enter it into the "Locked" screen. This will let you reset the password for that user and unlock the system.

If that doesn't work or you forget the e-mail, contact support at rongjackmiles@gmail.com.

Advanced Boot

If, when booting, you hold down SHIFT, you will perform an advanced boot. Here, you can:

> -Launch the Console

> -Force wipe data

> -Enable debugging (requires root password)

> -Disable debugging

Desktop

The Desktop is, like any desktop, the center for applications. Here, you will see your applications, the Settings application, and the time at the top. Let's introduce you to the applications.

Parse is a web browser. You can load webpages, search Google, and set favorites for easy access. Flyover, the e-mail application, serves as both an inbox and a mail-sender. Any e-mail account can be used with it. ExacTrack is a stopwatch, timer, and world clock packed into one. Type lets you keep text files and edit them. Pinpoint lets you search for locations anywhere. YouTube lets you watch thousands of videos from YouTube. And, last but not least, the Hub is where you can download other applications, as well as launch them.

Desktop Shortcuts

You can also place Desktop Shortcuts on the Desktop. These are shortcuts to your most used applications downloaded from the Hub. (They do not work on the built-in applications.) To add a shortcut, type the name of the application into the input box, "Add an application shortcut…" Pressing "Add Shortcut" will add the shortcut to the Desktop! If the app does not exist, it will be removed. Just click on the shortcut to open the application! Of course, Thunderbolt OS Ceres remembers them, so the next time you use Thunderbolt OS Ceres, they will still be there! To remove all shortcuts, click on "Remove all shortcuts".

Power Screen

You can power off/restart Thunderbolt OS Ceres from the Authentication screen or the Desktop. Click the Power Off symbol, and a screen will pop up, with four options: "Shut Down", "Restart", "Switch User/Log off", and "Cancel". Shutting down will close Thunderbolt OS Ceres. Restarting will close Thunderbolt OS Ceres, and then reopen it. Finally, Switch User/Log Off will sign you out of your account, and let you log in with a different one.

Settings

In the Desktop, near the top, the Settings application can be launched. In Settings, you can change user preferences, reset Thunderbolt OS, view this manual, and view system specifications.

-User Manager: Manage your users.

-Customization: Customize your Desktop.

-Extension Setup: Reinstall the Chrome extension required to use Thunderbolt OS Ceres.

-Reset Thunderbolt OS Ceres: Resets all system settings, deletes all users, and obliterates all data. Cannot be undone.

-Change E-mail: Change the e-mail address associated with your user.

-View User Manual: View this manual.

-About: View system specifications.

-Console: Launch the console (must be an administrator).

To close the window, navigate to the top and select "Close".

Applications

Parse

Parse is the ultimate web browser. When opened, you'll see a large text box (the address/search bar), a "Go!" button, an "Edit Favorites" button, an "Update Favorites" button, a "Set Homepage" button, and your favorites, if you have configured them.

To start, enter a URL into the address field. A window should pop up below everything, with the website you requested inside it. The website has every quality that it would have with any other browser. All scripts and images should load: links will work, too. It's purely the website.

Now, enter a keyword into the address field. Parse can tell if you want to search or go to a website. Parse should return a Google search of your keyword. This makes everything a lot easier to do, without having to manually navigate to Google and search.

Click on the "Edit Favorites" button. A new window should pop up- the Parse FavLoader. Here, you can set 5 favorites that are accessible with the click of a button from Parse. The favorites must be URLs, unfortunately- no keywords here! After configuring anything, you must click on "Update Favorites" in Parse for changes to take effect.

Parse also has support for homepages! The default one is the ThunderCloud (http://thunderboltstudios.github.io), but you can change this! Click on "Set Homepage" to set your homepage. This will be the first page that appears when you load Parse.

A few things to keep in mind:

    -While Parse is smart, it's not perfect. Don't try to search ".com", ".net", ".gov", or any other domains. It won't work!

    -Unfortunately, Parse currently only has support for most webpages-not all of them. Websites such as Gmail and Yahoo will not load- this is due to security reasons. If you want to check your e-mail, go to Flyover instead!

Flyover

Flyover can access your e-mail inbox, and send e-mails, too. Flyover uses the Nilas Sync Engine. Flyover will automatically load the e-mail address that is linked to your user.

On the left-hand side of Flyover, you will see four tabs: inbox, drafts, sent, and archive. They will show you the appropriate e-mails in each category. At the top of any tab, you will see a search bar (to search for e-mails), and a "Compose" button, to compose e-mails. At the bottom of the page, you can click "Log out" to log out of your e-mail. If you are redirected away from Flyover or want to use a different e-mail address, you can click the "Sign in with a different e-mail address/Back to Flyover/Log Out" button at the top. A warning: this will log you out of Flyover!

ExacTrack

ExacTrack will take care of all your timing needs. It has three functions- a stopwatch, a timer, and a world clock.

To run the stopwatch, navigate to the "Stopwatch" area. You will see a display that at the beginning, will read "00:00:00:000." Press the "Start" button to start the stopwatch. The display will go up every millisecond. Press the "Stop" button to pause the stopwatch, and the "Reset" button to reset it.

To run the timer, navigate to the "Timer" area. You will see two input fields: a "Minutes" field and a "Seconds" field. Both may only contain numbers. Enter the desired number of minutes and seconds for your stopwatch, and then press "Start" below the displays. A timer will start, counting down from the time that you set. To stop the timer at any moment, press "Stop". After you press "Stop", you must press "Resume" to resume the timer- pressing "Start" will start a new timer. When the timer finishes, a popup box will appear, reading "Timer done!" The timer is now finished. To reset the timer at any point, press "Reset." This will stop the timer, and reset the time input fields.

Finally, the world clock. Navigate to where it says "World Clock". You will see a drop-down list, and click on it to select the city that you want to get the time of. For ease, you can search for your city in the search box in the drop-down list.

Press "Submit". You will then get the time of your city! Hooray!

Type

Type is a great text editor- it keeps things simple. It saves text documents for you to keep, so you don't need to remember what you typed! To start, click on the "New Document" button at the top. A popup box should appear, asking you for the name of your document. Enter a memorable name- you'll need to remember it! Once you press OK, a text field will appear, with the document's title slightly above it. Try and enter some text into the text box, and then press "Save", followed by "Close". Your

document has been saved! Click "Load Document", and type in the exact document name. Your document will appear again!

To delete a document, it's simple: click on "Delete Document", and type in the document name. The document will then be deleted.

Type also offers formatting! Using CKEditor, we've brought you necessities like bold, italics, and underlining. There are also more tools like aligning, inserting pictures, customizing fonts, and more.

On the right-hand side of Type, you will see a list of your recent documents (if you have any). These offer quick access to your recent documents. To clear the list, click "Clear All Recent Documents."

Some things to remember:

     -You can create as many text files as you want! Just don't exceed the 5 MB data limit.

     -Always save your work! Pressing "Close" without saving your work will erase any changes that you made.

Pinpoint

Pinpoint uses Google Maps to quickly search for locations around the world. Just type in a place, like "Taiwan", into the search bar, and Pinpoint will find it for you. You can navigate around the map, zoom in and out, and even look at the environment from the ground level!

YouTube

The YouTube application lets you watch thousands, even millions, of videos on YouTube. It's very simple: the application loads the YouTube website in it, and you can interact with it normally. When you first open the application, the YouTube homepage will appear. If you have signed in to YouTube/watched any videos recently on Parse or another web browser, it

will remember and will display this. You can then watch as many videos as you like! If, for some reason, you are directed to another page outside of YouTube, you can always click the button at the top, "Back to YouTube Home", to return to YouTube.

Hub

The Thunderbolt Hub is where you can view info about applications for Thunderbolt OS, and also launch them. Upon opening the application, you will see the Hub's website, where you can browse for applications and get more info about them. If you are redirected to another page outside of the Hub, click the "Back to Hub" button at the top to return to the Hub.

To launch an application, you must know the exact name of the application. At the text box at the top, enter the application name, and hit "Launch". The Hub window will be replaced by the application. You can now use the application!

Remember, though, you can also place a Desktop Shortcut to an application on the Desktop if you use it a lot.

Console

The Console is a debugging application that can execute JavaScript commands. You can use it to retrieve data, or perform advanced commands that are not available in Thunderbolt OS Ceres. The Console can only be used by administrators.

A word of warning: Do not use the Console unless you know what you are doing! You can easily wipe the data off Thunderbolt OS Ceres, and even your hard drive if you do something stupid!

User Manager

In the User Manager, you can adjust settings for your users. Administrators can change settings for all users, while standard users can only adjust their own. As an administrator, click on a username to change information for that user. You can change their password, set their level (administrator or standard), and view the last half of their password. Standard users can do the same, except they cannot change their level.

Customization

Entering the Customization Manager from Settings lets you change the background image for your Desktop and your Power screen (the one that appears when you want to shut down Thunderbolt OS Ceres). You can choose from the five images that we've prepared for you. Note that you cannot change the image that appears on the boot screen- that appears for everyone.

Troubleshooting

Here are some frequently encountered problems on Thunderbolt OS, and here's how to solve them:

Cannot boot system

Check your error code:

-Error Code 1: Please use a supported OS (Windows Vista/above, or Mac OS X 10.3 (Panther) or above

-Error Code 2: Please use Google Chrome to run Thunderbolt OS Ceres.

-Error Code 3: Please check your Internet connection.

-Error Codes 4-7, 16-23, A9, and X8: You have changed the system files and/or hacked Thunderbolt OS Ceres. Please don't do that.

System not working

This is most likely due to tampering or corruption of a file, thus invalidating it. To solve this problem, just refresh the Thunderbolt OS Ceres page. Don't worry- all your data will still be intact!

Unable to access webpage in Parse

This is most likely due to one of these reasons:

-The website has set a "framekiller", preventing Parse from accessing the page. Either the page will not load or the page will replace Parse with it. Unfortunately, this problem is unsolvable for now.

-A plugin required to view the webpage (e.g. Adobe Flash or Java) is missing. Install it, and run Parse again.

-A proxy or firewall is blocking the page. Contact your network administrator.

-No Internet connection is available. Connect to a Wi-Fi network or use Ethernet, and secure an Internet connection.

-The website's server is down. Contact the website's owner.

-The page doesn't exist! Check your URL.

Time is incorrect

If the time/date displayed on applications and the Desktop are incorrect, you probably changed your system time or moved to a different time zone. Check your system time.

Pinpoint can't find a place

If the place doesn't exist or if Pinpoint can't match the name to a location, an error message might be shown. In China, Google Maps can sometimes be disabled, too.

Application won't launch from Hub

If an application won't launch from the Hub, follow these steps:

-Make sure that the application name that you entered is the exact same name as the actual application's name (capitalization counts!)

-The application might contain bugs in it, preventing the page from loading/making the page look weird. Contact the application's owner for support.

Support

Support for Thunderbolt OS Ceres is available at the ThunderCloud, http://thunderboltstudios.github.io. Here, you can get help, apply for the Developer program, and more. To report bugs, please go here. You can also e-mail rongjackmiles@gmail.com for support.

Thunderbolt OS Ceres. Full potential.

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